

interference Search

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(angl\$3 adj implant\$5).clm. and (photonic adj device).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 18:56
L2	0	("2004/0264833").URPN.	USPAT	OR	OFF	2006/02/10 18:56
L3	1	(angl\$3 adj implant\$5).clm. and (photonic adj device).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 18:57
L4	2	(angl\$3 adj implant\$5) same (photonic adj device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 18:57
L5	0	(angl\$3 adj implant\$5) same (optic\$3 adj device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 18:57
L6	1	(angl\$3 adj implant\$5) same (optic\$3 near2 (circuit or IC or device or apparatus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 18:58

L7	1	(angl\$3 near2 implant\$5) same (optic\$3 near2 (circuit or IC or device or apparatus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 18:58
L8	20	(angl\$3 with implant\$5) same (optic\$3 near2 (circuit or IC or device or apparatus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 18:58
L9	6	(angl\$3 with implant\$5) same (photonic near2 (circuit or IC or device or apparatus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 18:58

updated search

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2724	(385/14).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L2	1999	(385/14).CCLS.	USPAT	OR	OFF	2006/02/10 18:40
L3	724	(385/14).CCLS.	US-PGPUB	OR	OFF	2006/02/10 18:40
L4	0	(L1 or L2 or L3) and ((angled or angle or angles or angling) near2 (implantation or implant or implants or implanted or implanting)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L5	3	((L1 or L2 or L3) and ((angled or angle or angles or angling) near2 (implantation or implant or implants or implanted or implanting)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L6	144	((photonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((angled or angle or angles or angling) near2 (implantation or implant or implants or implanted or implanting)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L7	0	("2003/0206698").URPN.	USPAT	OR	OFF	2006/02/10 18:40
L8	3	((photonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((angled or angle or angles or angling) near2 (implantation or implant or implants or implanted or implanting)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L9	0	("2004/0264833").URPN.	USPAT	OR	OFF	2006/02/10 18:40
L10	724	(385/14).CCLS.	US-PGPUB	OR	OFF	2006/02/10 18:40
L11	12	((("4171234") or ("5479539") or ("5774486") or ("5804461") or ("5834331") or ("5932397") or ("6113002") or ("6165811") or ("6134366") or ("6246819") or ("6313434") or ("6335994"))).PN	USPAT	OR	OFF	2006/02/10 18:40
L12	1999	(385/14).CCLS.	USPAT	OR	OFF	2006/02/10 18:40
L13	2	("6115515" "6282335").PN. OR ("6785449").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L14	144	((photonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((waveguide or waveguides) with ((vertical or vertically) near2 (coupler or couplers or coupled or couple or couples)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40

L15	9	((photonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((waveguide or waveguides) with ((vertical or vertically) near2 (coupler or couplers or coupled or couple or couples)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L16	24	("4037172" "4114257" "4712075" "4734380" "4828362" "4887255" "4903341" "4938553" "4973121" "5108200" "5136669" "5142660" "5226055" "5249245" "5253099" "5282080" "5321498" "5373570" "5436991" "5452118" "5550856" "5574806" "5625636").PN. OR ("6693736").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L17	10	("4493113" "4621895" "4732446" "4744617" "4872739" "4900118" "5146520" "5204925" "6002821").PN. OR ("6529650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L18	16	("3870396" "4182017" "4306765" "4339290" "4422715").PN. OR ("4621895").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L19	16	("3870396" "4182017" "4306765" "4339290" "4422715").PN. OR ("4621895").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L20	13	("5055426" "5123078" "5198008" "5219787" "5235663" "5291574" "5434935" "5465860" "5540346" "5600741" "5614765" "5708303" "6097864").PN. OR ("6480643").URPN	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L21	13	("5214723" "5416861" "5513073" "5644667" "5737458" "5764832" "5862276" "5972516" "6243509").PN. OR ("6477284").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L22	15	("4169001" "5170448" "5757989" "5761350" "5786925" "5898803" "5910706" "6081632" "6285808").PN. OR ("6370292").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L23	17	("4939682" "5055426" "5123078" "5198008" "5219787" "5235663" "5291574" "5434935" "5465860" "5540346" "5600741" "5614765" "5708303" "6097864").PN. OR ("6324313").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L24	581	((photonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((angled or angle or angles or angling) near3 (via or vias or through-hole or through-holes or interconnect or interconnects))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L25	35	("4037172" "4114257" "4712075" "4734380" "4828362" "4887255" "4903341" "4938553" "4973121" "5142660" "5226055" "5249245" "5253099" "5282080" "5321498" "5373570" "5436991" "5452118" "5574806").PN. OR ("6215585").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40

L26	23	("20020061154" "4969712" "5195154" "5249245" "5319725" "5600741" "5611008" "5625734" "5629534" "5715338" "5773897" "5972232" "6009218" "6088492" "6164836" "6215585" "6222951" "6236774" "6243509" "6438281" "6444560").PN. OR ("6640021").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L27	36	((photonic or optical or optic) near2 (circuit or circuits or device or devices) and ((angled or angle or angles or angling) near3 (via or vias or through-hole or through-holes or interconnect or interconnects)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L28	397	((photonic or optical or optic) near2 (circuit or circuits or device or devices) and ((angled or angle or angles or angling) near2 (via or vias or through-hole or through-holes or interconnect or interconnects)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L29	38	((photonic or optical or optic) near2 (circuit or circuits or device or devices) and ((angled or angle or angles or angling) near2 (dope or doped or dopant or dopes or doping)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L30	39	("4037172" "4114257" "4734380" "4828362" "4887255" "4903341" "4938553" "4973121" "5142660" "5226055" "5249245" "5253099" "5321498" "5373570" "5436991" "5452118" "5574806").PN. OR ("5757989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L31	20	("4693543" "4730330" "4760568" "4861126" "4901321" "4919507" "4950044" "4989934").PN. OR ("5123078").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L32	19	("4693543" "4730330" "4760568" "4861126" "4901321" "4919507" "4950044" "4989934" "5123078").PN. OR ("5235663").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L33	389	L28 not L2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L34	90	((photonic or optical or optic) near2 (circuit or circuits or waveguide or waveguides)) and ((angled or angle or angles or angling) with (implantation or implant or implants or implanted or implanting))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L35	8	((photonic or optical or optic) near2 (circuit or circuits or waveguide or waveguides)) and ((angled or angle or angles or angling) with (implantation or implant or implants or implanted or implanting))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40

L36	5	((photonic or optical or optic) near2 (circuit or circuits or waveguide or waveguides)) same ((angled or angle or angles or angling) with (implantation or implant or implants or implanted or implanting))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L37	9	((((photonic or optical or optic) near2 (circuit or circuits or waveguide or waveguides)) same ((angled or angle or angles or angling) with (implantation or implant or implants or implanted or implanting)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L38	1376	"385"/\$.ccls. and (implantation or implant or implanting or implants or implanted)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L39	107	"385"/\$.ccls. and ((implantation or implant or implanting or implants or implanted) with (couple or couples or coupled or coupler or couplers or coupling or connector or connectors or connecting or connected or connects or connect or connection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L40	1999	(385/14).CCLS.	USPAT	OR	OFF	2006/02/10 18:40
L41	0	L40 and @pd="20050214"	USPAT	OR	OFF	2006/02/10 18:40
L42	94	((implant or implanted or implants or implanting or implantation) with ((optically or optical) near2 (connected or connecting or connector or connectors or connect or connects or interconnected or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L43	277	((implant or implanted or implants or implanting or implantation) same ((optically or optical) near2 (connected or connecting or connector or connectors or connect or connects or interconnect or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40

L44	3086	(385/129-132).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L45	384	(implant or implanted or implants or implanting or implantation) and L44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L46	183	L43 not L42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L47	375	L45 not (L42 or L43)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L48	17	("3809696" "3809732" "3953620" "3993485" "4712854" "5009483" "5121462" "5159699" "5402514" "5544268" "5874187" "5932397" "6035083").PN. OR ("6724968").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:40
L49	7	(implant or implanted or implants or implanting or implantation or dope or doped or dopes or doping or dopant) with ((connected or connecting or connector or connectors or connect or connects or interconnect or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection or coupling or coupler or couplers or coupled or via or vias) near2 (angle or angled or angles or angling or slant or slanted or slanting)) and "385"/\$.ccls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40

L50	33	(implant or implanted or implants or implanting or implantation or dope or doped or dopes or doping or dopant) with ((connected or connecting or connector or connectors or connect or connects or interconnect or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection or coupling or coupler or couplers or coupled or via or vias) near2 (angle or angled or angles or angling or slant or slanted or slanting)) and (optical or optic or light or photonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L51	123	(implant or implanted or implants or implanting or implantation or dope or doped or dopes or doping or dopant) with ((connected or connecting or connector or connectors or connect or connects or interconnect or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection or coupling or coupler or couplers or coupled or via or vias) near6 (angle or angled or angles or angling or slant or slanted or slanting)) and (optical or optic or light or photonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:40
L52	19	(implant or implanted or implants or implanting or implantation or dope or doped or dopes or doping or dopant) with ((connected or connecting or connector or connectors or connect or connects or interconnect or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection or coupling or coupler or couplers or coupled or via or vias) near6 (angle or angled or angles or angling or slant or slanted or slanting)) and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L53	2724	(385/14).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L54	1999	(385/14).CCLS.	USPAT	OR	OFF	2006/02/10 18:41
L55	724	(385/14).CCLS.	US-PGPUB	OR	OFF	2006/02/10 18:41
L56	0	(L53 or L54 or L55) and ((angled or angle or angles or angling) near2 (implantation or implant or implants or implanted or implanting))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L57	0	("2003/0206698").URPN.	USPAT	OR	OFF	2006/02/10 18:41
L58	0	("2004/0264833").URPN.	USPAT	OR	OFF	2006/02/10 18:41
L59	581	((photonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((angled or angle or angles or angling) near3 (via or vias or through-hole or through-holes or interconnect or interconnects))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41

L60	397	((phonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((angled or angle or angles or angling) near2 (via or vias or through-hole or through-holes or interconnect or interconnects))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L61	1376	"385"/\$.ccls. and ((implantation or implant or implanting or implants or implanted)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L62	1999	(385/14).CCLS.	USPAT	OR	OFF	2006/02/10 18:41
L63	0	L62 and @pd="20050214"	USPAT	OR	OFF	2006/02/10 18:41
L64	277	((implant or implanted or implants or implanting or implantation) same ((optically or optical) near2 (connected or connecting or connector or connectors or connect or connects or interconnected or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L65	3086	(385/129-132).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L66	384	(implant or implanted or implants or implanting or implantation) and L65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L67	3	(L53 or L54 or L55) and ((angled or angle or angles or angling) near2 (implantation or implant or implants or implanted or implanting))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L68	3	((phonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((angled or angle or angles or angling) near2 (implantation or implant or implants or implanted or implanting))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L69	12	((("4171234") or ("5479539") or ("5774486") or ("5804461") or ("5834331") or ("5932397") or ("6113002") or ("6165811") or ("6134366") or ("6246819") or ("6313434") or ("6335994"))).PN	USPAT	OR	OFF	2006/02/10 18:41

L70	2	("6115515" "6282335").PN. OR ("6785449").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L71	9	((photonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((waveguide or waveguides) with ((vertical or vertically) near2 (coupler or couplers or coupled or couple or couples)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L72	24	("4037172" "4114257" "4712075" "4734380" "4828362" "4887255" "4903341" "4938553" "4973121" "5108200" "5136669" "5142660" "5226055" "5249245" "5253099" "5282080" "5321498" "5373570" "5436991" "5452118" "5550856" "5574806" "5625636").PN. OR ("6693736").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L73	10	("4493113" "4621895" "4732446" "4744617" "4872739" "4900118" "5146520" "5204925" "6002821").PN. OR ("6529650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L74	16	("3870396" "4182017" "4306765" "4339290" "4422715").PN. OR ("4621895").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L75	16	("3870396" "4182017" "4306765" "4339290" "4422715").PN. OR ("4621895").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L76	13	("5055426" "5123078" "5198008" "5219787" "5235663" "5291574" "5434935" "5465860" "5540346" "5600741" "5614765" "5708303" "6097864").PN. OR ("6480643").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L77	13	("5214723" "5416861" "5513073" "5644667" "5737458" "5764832" "5862276" "5972516" "6243509").PN. OR ("6477284").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L78	15	("4169001" "5170448" "5757989" "5761350" "5786925" "5898803" "5910706" "6081632" "6285808").PN. OR ("6370292").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L79	17	("4939682" "5055426" "5123078" "5198008" "5219787" "5235663" "5291574" "5434935" "5465860" "5540346" "5600741" "5614765" "5708303" "6097864").PN. OR ("6324313").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L80	35	("4037172" "4114257" "4712075" "4734380" "4828362" "4887255" "4903341" "4938553" "4973121" "5142660" "5226055" "5249245" "5253099" "5282080" "5321498" "5373570" "5436991" "5452118" "5574806").PN. OR ("6215585").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41

L81	23	("20020061154" "4969712" "5195154" "5249245" "5319725" "5600741" "5611008" "5625734" "5629534" "5715338" "5773897" "5972232" "6009218" "6088492" "6164836" "6215585" "6222951" "6236774" "6243509" "6438281" "6444560").PN. OR ("6640021").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L82	36	((photonic or optical or optic) near2 (circuit or circuits or device or devices) and ((angled or angle or angles or angling) near3 (via or vias or through-hole or through-holes or interconnect or interconnects)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L83	38	((photonic or optical or optic) near2 (circuit or circuits or device or devices) and ((angled or angle or angles or angling) near2 (dope or doped or dopant or dopes or doping)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L84	39	("4037172" "4114257" "4734380" "4828362" "4887255" "4903341" "4938553" "4973121" "5142660" "5226055" "5249245" "5253099" "5321498" "5373570" "5436991" "5452118" "5574806").PN. OR ("5757989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L85	20	("4693543" "4730330" "4760568" "4861126" "4901321" "4919507" "4950044" "4989934").PN. OR ("5123078").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L86	19	("4693543" "4730330" "4760568" "4861126" "4901321" "4919507" "4950044" "4989934" "5123078").PN. OR ("5235663").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L87	90	((photonic or optical or optic) near2 (circuit or circuits or waveguide or waveguides)) and ((angled or angle or angles or angling) with (implantation or implant or implants or implanted or implanting))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L88	8	((photonic or optical or optic) near2 (circuit or circuits or waveguide or waveguides)) and ((angled or angle or angles or angling) with (implantation or implant or implants or implanted or implanting))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L89	5	((photonic or optical or optic) near2 (circuit or circuits or waveguide or waveguides)) same ((angled or angle or angles or angling) with (implantation or implant or implants or implanted or implanting))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41

L90	9	((photonic or optical or optic) near2 (circuit or circuits or waveguide or waveguides)) same ((angled or angle or angles or angling) with (implantation or implant or implants or implanted or implanting))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L91	107	"385"/\$.ccis. and ((implantation or implant or implanting or implants or implanted) with (couple or couples or coupled or coupler or couplers or coupling or connector or connectors or connecting or connected or connects or connect or connection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L92	94	((implant or implanted or implants or implanting or implantation) with ((optically or optical) near2 (connected or connecting or connector or connectors or connect or connects or interconnect or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L93	17	("3809696" "3809732" "3953620" "3993485" "4712854" "5009483" "5121462" "5159699" "5402514" "5544268" "5874187" "5932397" "6035083"); PN. OR ("6724968"); URPN	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L94	7	(implant or implanted or implants or implanting or implantation or dope or doped or dopes or doping or dopant) with ((connected or connecting or connector or connectors or connect or connects or interconnect or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection or coupling or coupler or couplers or coupled or via or vias) near2 (angle or angled or angles or angling or slant or slanted or slanting)) and "385"/\$.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L95	33	(implant or implanted or implants or implanting or implantation or dope or doped or dopes or doping or dopant) with ((connected or connecting or connector or connectors or connect or connects or interconnect or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection or coupling or coupler or couplers or coupled or via or vias) near2 (angle or angled or angles or angling or slant or slanted or slanting)) and (optical or optic or light or photonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41

L96	19	(implant or implanted or implants or implanting or implantation or dope or doped or dopes or doping or dopant) with ((connected or connecting or connector or connectors or connect or connects or interconnect or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection or coupling or coupler or couplers or coupled or via or vias) near6 (angle or angled or angles or angling or slant or slanted or slanting)) and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L97	144	((phonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((angled or angle or angles or angling) near2 (implantation or implant or implants or implanted or implanting))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L98	144	((phonic or optical or optic) near2 (circuit or circuits or device or devices)) and ((waveguide or waveguides) with ((vertical or vertically) near2 (coupler or couplers or coupled or couple or couples)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L99	183	L64 not L92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L100	123	(implant or implanted or implants or implanting or implantation or dope or doped or dopes or doping or dopant) with ((connected or connecting or connector or connectors or connect or connects or interconnect or interconnects or inter-connect or inter-connects or interconnected or inter-connected or interconnecting or inter-connecting or interconnection or inter-connection or connection or coupling or coupler or couplers or coupled or via or vias) near6 (angle or angled or angles or angling or slant or slanted or slanting)) and (optical or optic or light or photonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L101	389	L60 not L54	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L102	375	L66 not (L92 or L64)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L103	724	(385/14)CCLS	US-PGPUB	OR	OFF	2006/02/10 18:41

L104	1999	(385/14).CCLS.	USPAT	OR	OFF	2006/02/10 18:41
L105	1143	((L53 or L54 or L55 or L56 or L67 or L97 or L57 or L68 or L58 or L103 or L69 or L104 or L70 or L98 or L71 or L72 or L73 or L74 or L75 or L76 or L77 or L78 or L79 or L59 or L80 or L81 or L82 or L60 or L83 or L84 or L85 or L86 or L101 or L87 or L88 or L89 or L90 or L61 or L91 or L62 or L63 or L92 or L64 or L65 or L66 or L99 or L102 or L93 or L94 or L95 or L100 or L96) and @pd>"20050210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L106	1	((optical or optic or light) near2 (waveguide or waveguides or guide or guides)) with ((interconnect or via or connection or coupling or coupler or connecting or interconnection or connected or connect or connects or interconnects or interconnected or interconnecting or coupled or coupled or coupling) with (((doped or doping or dopant or dopes or dope or implant or implanting or implanted or implantation or implants) near2 (angled or angle or angles or angling))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L107	1	((optical or optic or light) near2 (waveguide or waveguides or guide or guides)) with (((doped or doping or dopant or dopes or dope or implant or implanting or implanted or implantation or implants) near2 (angled or angle or angles or angling))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L108	4	((optical or optic or light) near2 (waveguide or waveguides or guide or guides)) same (((doped or doping or dopant or dopes or dope or implant or implanting or implanted or implantation or implants) near2 (angled or angle or angles or angling))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L109	0	("2004/0264833"); URPN.	USPAT	OR	OFF	2006/02/10 18:41
L110	4	((optical or optic or light) near2 (waveguide or waveguides or guide or guides)) same (((doped or doping or dopant or dopes or dope or implant or implanting or implanted or implantation or implants) near2 (angled or angle or angles or angling or slant or slanted or slants or slanting))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L111	0	("2005/0111781"); URPN.	USPAT	OR	OFF	2006/02/10 18:41

L112	412	((optical or optic or light) near2 (waveguide or waveguides or guide or guides)) same (((via or vias or through-hole or through-holes or throughhole or throughhole or hole or holes or coupler or couplers or coupling or connecting or connect or connects or connection) near2 (angled or angle or angles or angling or slanted or slant or slants or slanting))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L113	390	L112 not L105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:41
L114	15	("3584230" "3774987" "3791715" "3819249" "3822929" "3864019" "3912363").PN. OR ("3967877").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:41
L115	177	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113) and @pd>"20050725" and @ad<"20030626"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 18:50
L116	7	("20040165856" "5611006" "5738757" "6201629" "6227723" "6262827" "6448505").PN. OR ("6986609").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 18:51